

TECHNICAL DATA SHEET

H00E9103PZ

Industrial white gelcoat 9103, pre-promoted, based on ortophtalic resins, for brush application. This gelcoat contains inert fillers and it's used to manufacture products easy to sand. Suitable for the production of all composites that require repainting, for protective coating of rolled products, as a primer for layer easy to sand in the preparation of models, and in all the productions that require a low value of resistance weathering and the action of UV.

Chemical-physics characteristics of liquid product

PROPERTY	TYPICAL VALUE	UNIT	METHOD
ASPECT	White liquid	--	--
VISCOSITY (at 25 °C)			
ASPO N ⁵ 2 rpm	91000	mPa.s	I.O.801
20 rpm	13000	mPa.s	I.O.801
THIX INDEX	7,0		I.O.802
GEL TIME (at 25 °C)*	12'	minuti	I.O.803
DENSITY (at 25°C)	1,45	g/cm ³	I.O .805
STORAGE STABILITY **	3	mesi	

* **Gelcoat 200 g. + 2% MEKP50.**

** **Gelcoat must be stored in the original containers, sealed, not damaged, in dry place and at a temperature between 5°C and 25°C.**

Mechanical properties of cured gelcoat ***

PROPERTY	TYPICAL VALUE	UNIT	METHOD
HDT	60	°C	ASTM D 648
TENSILE ELONGATION	2	%	ASTM D 638
BARCOL HARDNESS	45	---	ASTM D 2583

*** **Catalysis: gelcoat 100 gr + 1,50 g MEKP50**

24 h at RT + 2 h a 100°C

To obtain the best results, is recommended to work:

- 1) at a temperature between 15°C and 28°C
- 2) add 1%-2% of mekp50
- 3) apply a thickness between 500 and 700 micron

REV.2:18/01/10

The information contained in this datasheet is based on laboratory data and our experience. Gel time and rheological properties may change because of reactive nature of material. We believe this information to be reliable, however we cannot guarantee its applicability in your process. We decline all responsibility for events that may arise as a consequence of improper use of the product.

By accepting the products described herein, the user accepts the responsibility to thoroughly test any application before commencing production.

Our advice should not be taken as encouragement to breach any patent, law, safety code or insurance regulation.